


Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT 	Atty. Docket No. 99,395-A	Serial No. 09/595,526
	Applicant: Lawn et al.	
	Filing Date: June 16, 2000	Group: .

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
mm2	6,080,842	June 27, 2000	Hillman, et al.			
mm2	5,858,719	January 12, 1999	Hillman, et al.			

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	Document Number	Date	Country	Class	Subclass	Translation Yes No
mm2	WO 00/34461 ↓	15 June 2000	PCT International			
	WO 00/18912 ↓	06 April 2000	PCT International			
mm2	WO 99/31133 ↓	24 June 1999	PCT International			

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mm2	↓ Babitt et al. 1999. "Murine SR-BI, a high density lipoprotein receptor that mediates selective lipid uptake, is N-glycosylated and fatty acylated and colocalizes with plasma membrane caveolae," <i>J. Biol. Chem.</i> , 272: 13242-13249.
	↓ Becq et al. 1997. "ABC1, an ATP Binding Cassette Transporter Required for Phagocytosis of Apoptotic Cells, Generates a Regulated Anion Flux after Expression in <i>Xenopus laevis</i> Oocytes," <i>J. Biol. Chem.</i> , 272: 2695-2699.
	↓ Bodzioch et al. 1999. "The gene encoding ATP-binding cassette transporter 1 is mutated in Tangier Disease," <i>Nat. Genet.</i> , 22: 347-351.
	↓ Bojanovski et al. 1987. "In vivo metabolism of proapolipoprotein A-I in Tangier disease," <i>J. Clin. Invest.</i> , 80: 1742-1747.
	↓ Borst et al. 2000. "ABC transporters in lipid transport," <i>Biochim Biophys Acta</i> , 1486(1):128-44.
mm2	↓ Bowie et al. 1990. "Deciphering the message in protein sequences: tolerance to amino acid substitutions," <i>Science</i> , 247: 1306-1310.

Examiner	Date Considered
mm2	9/11/02

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	✓ Costet et al. 2000. "Sterol-dependent transactivation of the human ABC1 promoter by LXR/RXR," <i>J. Biol. Chem.</i> , 275: 28240-28245.
	✓ Cunningham et al. 1989. "High-resolution epitope mapping of hGH-receptor interactions by alanine-scanning mutagenesis," <i>Science</i> , 244: 1081-1085.
	✓ Dobeli et al. "Role of the carboxy-terminal sequence on the biological activity of human immune interferone (IFN-γ)," <i>J. Biotechnology</i> , 7: 199-216 (1988).
	✓ Francis et al. 1995. "Defective Removal of Cellular Cholesterol and Phospholipids by Apolipoprotein A-I in Tangier Disease," <i>J. Clin. Invest.</i> , 96: 78-87.
	✓ Freeman, 1999. "Effluxed lipids: Tangier Island's latest export," <i>Proc. Natl. Acad. Sci. USA</i> , 96: 10950-10952.
	✓ Gura, T. 1999. "Gene Linked to Faulty Cholesterol Transport," <i>Science</i> , 285: 814-815.
	✓ Hayden et al. 2000. "Cholesterol efflux regulatory protein, Tangier disease and familial high-density lipoprotein deficiency," <i>Curr. Opin. Lipidol.</i> , 11(2):117-22.
	✓ Hobbs et al. 1999. "ABC1:connecting yellow tonsils, neuropathy, and very low HDL," <i>J. Clin. Invest.</i> , 104: 1015-1017.
mm2	✓ Hokland et al. 1993. "Cyclic AMP Stimulates Efflux of Intracellular Sterol from Cholesterol-loaded Cells," <i>J. Biol. Chem.</i> , 268: 25343-25349.

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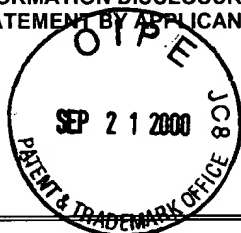
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	✓	Lawn et al. 1999. "The Tangier disease gene product ABC1 controls the cellular apolipoprotein-mediated lipid removal pathway," <i>J. Clin. Invest.</i> , 104: R25-R31.
	✓	Lawn et al. 1992. "Atherogenesis in transgenic mice expressing human apolipoprotein(a)," <i>Nature</i> , 360: 670-672.
	✓	Luciani et al. 1994. "Cloning of Two Novel ABC Transporters Mapping on Human Chromosome 9," <i>Genomics</i> , 21: 150-159.
mm	✓	Marcil et al. 1999. "Mutations in the ABC1 gene in familial HDL deficiency with defective cholesterol efflux," <i>The Lancet</i> , 354: 1341-1346.
	✓	Oram et al. 2000. "ABCA1 is the cAMP-Inducible Apolipoprotein Receptor that Mediates Cholesterol Secretion from Macrophages," <i>JBC Papers in Press. Published on July 28, 2000 as Manuscript M006738200.</i> Vol. NO. 2
mm	✓	Oram et al. 2000. "ABCA1-mediated transport of cellular cholesterol and phospholipids to HDL apolipoproteins," <i>Curr. Opin. Lipidol.</i> , 11(3): 253-60.
	✓	Oram et al. 1999. "Reduction in apolipoprotein-mediated removal of cellular lipids by immortalization of human fibroblasts and its reversion by cAMP: lack of effect with Tangier disease cells," <i>J. Lipid Res.</i> , 40: 1769-1781.
	✓	Oram et al. 1996. "Apolipoprotein-mediated removal of cellular cholesterol and phospholipids," <i>J. Lipid Res.</i> , 37: 2743-2491.
	✓	Ordovas, J. M. 2000. "ABC1: the gene for Tangier disease and beyond," <i>Nutr. Rev.</i> , 58(3 Pt 1): 76-9.
	✓	Owen, J. 1999. "Role of ABC1 gene in cholesterol efflux and atheroprotection," <i>The Lancet</i> , 354: 1402-1403.
mm	✓	Panousis et al., 2000. "Interferon-gamma induces downregulation of Tangier disease gene (ATP-binding-cassette transporter 1) in macrophage-derived foam cells," <i>Arterioscler. Thromb. Vasc. Biol.</i> , 20(6): 1565-71.


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	Takahashi et al. 2000. "Identification of cAMP analogue inducible genes in RAW264 macrophages," <i>Biochim. Biophys. Acta</i> , 1492(2-3):385-394.
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mm	Young et al. 1999. "The ABCs of cholesterol efflux," <i>Nat. Genet.</i> , 22: 316-318.

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						Yes	No
mm	WO 00/55318 ✓	21 Sept. 2000	PCT	—	—		

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mm	6,225,525	5/1/01	Leung et al.	—	—	

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						Yes	No
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	WO 01/26453	4/19/01	PCT				
	WO 01/30848	5/3/01	PCT				
	WO 01/32184	5/10/01	PCT				
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mm	Santamarina-Fojo, et al., "Complete genomic sequence of the human ABCA1 gene: Analysis of the human and mouse ATP-binding cassette A promoter", <i>PNAS</i> , vol. 97, pp. 7987-7992 (2000).
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